86291

Formation of Stable Free Radicals in the Process of Hardening and Thermal Destruction of Phenol Formaldehyde Resins

S/190/60/002/008/002/017
B004/B054

the network was destroyed; above 200°C, however, a dense network was formed which is revealed by an increase in shear stress. This is explained by recombination of macroradicals which had formed during thermal destruction. This assumption was checked by electron paramagnetic resonance (epr) spectra. The epr spectra were taken by a spectrometer designed by the Institut khimicheskoy fiziki AN SSSR (Institute of Chemical Physics of the AS USSR). A concentration of 10^{14} paramagnetic particles/cm^3 was found for Novolac, and of $5 \cdot 10^{15}$ for poly-oxybenzylamines. The epr spectra remained unchanged after storing the samples for months. Origin and structure of these very stable free radicals require further investigation. The authors thank V. V. Voyevodskiy for taking the epr spectra in his laboratory, and V. A. Kargin for a discussion. There are 3 figures and 4 references: 3 Soviet and 1 British.

ASSOCIATION: Nauchno-issledovatel'skiy institut plasticheskikh mass (Scientific Research Institute of Plastics)

SUBMITTED: March 15, 1960

Card 2/3

KURACHENKOV, V.I.; DYUROHKOV, O.A.

Automatic scales for the sedimentation analysis in a field of centrifugal forces. Plast. massy no. 12:53-54 '65
(MIRA 19:1)

DYURICH, N.A., YEL'KIN, A.YE., LAVRENT'YEV, V.V.

New apparatus and methods for determining the friction coefficient of polymers.

Report presented at the 13th Conference on high-molecular compounds
Moscow, 8-11 Oct 62

SOV/122-59-3-11/42

AUTHORS: Chernov N.K., Mart'yanov N.M., Levchenko L.B., Engineers, and Dyuringer, A.K.

TITLE: An Automatic Press for the Briquetting of Swarf (Pressavtomat dlya briketirovaniya struzhki)

PERIODICAL: Vestnik Mashinostroyeniya, 1959, Nr 3, pp 37-38 (USSR)

ABSTRACT: A so-called linear hydraulic automatic press for making briquettes of cast iron swarf in machine shops has been designed and made at the Gor'kiy Motorcar Works (Gor'kovskiy Avtomobil'nyy Zavod). A patent has been granted. The two-column press, mounted on an oil container bed, consists of the upper assembly containing the working hydraulic cylinder and the pressure multiplier, and a lower assembly containing a frame in which the loading mechanism, the pressure chamber and the briquette ejector are assembled. The lower assembly also contains the cylinder which displaces the pressure chamber. The pressure chamber loading mechanism is described in detail and diagramatically illustrated in Fig 2. A press as described has on test yielded 3 tons of briquettes, 5.5 g/cm3, in an 8-hour shift, of satisfactory strength and measuring 60 mm in diameter, weighing 700 g.

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SOV/122-59-3-11/42

An Automatic Press for the Briquetting of Swarf

Briquettes of this size have been successfully used in the charge of foundry furnaces. The manufacturing cost of the press is stated as 25,000 roubles. It occupies a floor space of 1200 x 670 mm and stands 1900 mm high. By changing the plunger stroke, the press can be converted for processing steel or non-ferrous alloy swarf.

There are 2 figures, including 1 photograph.

Card 2/2

DYURINSKIY, A. Kh.

"Sclerotial Rot of Tung Seedlings in Nurseries," Izvestiia Vysshikh Kursov Prikladnoi Zoologii i Fitopatologii, no. 7, 1939, pp 44-63. 423.92 L544

So: SIRA- S1 -90-53, 15 Dec. 1953

DYURKO, P.[Gyurko, P.]; KECHKESH, M.[Kecskes, M.]; MANNINGER, Ye. [Manninger, E.]

Resistance of sugar beet rhizosphere bacteria to antibiotics. Mikrobiologiia 30 no.3:484-488 My-Je '61. (MIRA 15:7)

1. Laboratoriya pochvennoy biologii Akademii nauk Vengrii, Shopron.

(ANTIBIOTICS) (RHIZOSPHERE MICROBIOLOGY)

PANTOSH, D. [Pantos, Gy.]; D'YURKO, P. [Gyurko, P.]; TAKACH, T. [Takats, T.]

Study on soil microbiological effect of herbicides utilized in practical farming. Agrokem talajtan 13 Suppl.:63-72 My'64.

1. Chair of Ecology, University of Forestry and Wood Industry, Sopron.

SOV / 79-28-6-7/63

AUTHORS: Domnin, N. A., Dyurnbaum, V. I., Cherkasova, V. A.

TITLE: Investigations in the Field of Polymethylene Cycles (Issledovaniya v oblasti polimetilenovykh tsiklov) XXX. Conversion of Diacetyl and Dibenzoyl With Dimethylhydrazine (Vzaimodeystviye diatsetila i dibenzoila s dimetilgidrazinom)

PERIODICAL: Zhurnal obshchey khimii, 1958, Vol. 28, Nr 6, pp. 1469-1477 (USSR)

ABSTRACT: Of the dihydrazines synthesized by Domnin and his collaborators (Refs 1 - 3) those of cyclopentadione-1,2 and cyclohexadione-1,2 are the least stable. These facts were explained by the authors by proceeding from the structure of the five- and six-membered rings as well as from the spatial difficulties dependent on the presence of $=N-NH_2$ and $=N-N(CH_3)_2$ groups in the cyclic dihydrazones. For a further generalization it was necessary for the purpose of comparison to carry out the investigation of the conversion of the most simple aliphatic and aliphatic-aromatic 1,2-diketones with dimethylhydrazine. For this purpose the reaction of diacetyl and dibenzoyl with dimethylhydrazine was used. The authors used only the hydrazine in place of the latter (Ref 4). It must be noticed that, as had been shown already several times, the conversions of various diketones with hydrazine and di-

Card 1/3

SOV/79/28-6-7/63

Investigations in the Field of Polymethylene Cycles. XXX. Conversion of Diacetyl and Dibenzoyl With Dimethylhydrazine

methylhydrazine take a completely different course with different products being formed. The reactions of diacetyl and dibenzoyl with dimethylhydrazine are shown in both mentioned reaction processes. Thus the bis-dimethylhydrazone of diacetyl was for the first time synthesized and characterized. Dibenzoyl reacts only with one molecule of dimethylhydrazine and on this occasion forms two spatial α- and β -forms of monodimethylhydrazone. It was found that benzil does not form bis-dimethylhydrazones and that the carbonyl group of the monodimethylhydrazone reacts neither with hydroxylamine nor with hydrazine and dimethylhydrazine. In the case of a conversion of monodimethylhydrazone of benzil with hydrazinehydrate a benzilhydrazone results. The monodimethylhydrazone of benzil on heating coverts to the 1-methyl-3, 4-diphenylpyrazole. There are 5 figures, 2 tables, and 10 references, 6 of which are Soviet.

Card 2/3

SOV/79-28-6-7/63

Investigations in the Field of Polymethylene Cycles. XXX. Conversion of Diacetyl and Dibenzoyl With Dimethylhydrazine

ASSOCIATION: Leningradskiy gosudarstvennyy universitet (Leningrad State University)

SUBMITTED: July 20, 1957

1. Methyl hydrazines--Chemical reactions

Card 3/3

DYURNBAUM, V.S.; ABKIN, A.D.; KLIMENKOV, V.S.

Kinetics of copolymerization of acrylonitrile with some vinyl monomers. Khim.volok. no.3:8-11 '61. (MIRA 14:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut iskusstvennogo volokna.

(Acrylonitrile) (Vinyl compounds)

DYURNBAUM, V.S.; ABKIN, A.D.; KLIMENKOV, V.S.

Composition and intramolecular distribution of copolymers of acrylonitrile with butylvinylsulfonate and methacrylamide. Khim. volok. no.2:10-14 '62. (MIRA 15:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut iskusstvennogo volokna.
(Acrylonitrile) (Sulfonic acids) (Methacrylamide)

DYURNBAUM, V.S.; KLIMENKOV, V.S.

Preparation of fiber-forming copolymers of acrylonitrile with 2-methyl-5-vinylpyridine in aqueous media and the production of fibers from them. Khim. volok. no.4:8-11 '63. (MIRA 16:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut iskusstvennogo volokna.

BUNAREVA, Z.S.; DYURNBAUM, V.S.; DOROKHINA, I.S.; ZHARKOVA, M.A.; KLIMENKOV, V.S.

Fibers based on mixtures of acrylonitrile polymers. Khim.volok no.6:10-13 '63. (MIRA 17:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut iskusstvennogo volokna.

BROUN, R.G.; DYURNBAUM, V.I.

Comparative data on the nucleotide composition of ribonucleic acid contained in the brain tissue. Vest.LGU 16 no.9:100-106 '61. (MIRA 14:5)

(NUCLEOTIDES) (BRAIN)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000411810018-7"

DYURNBAUM, V.S.; ABKIN, A.D.; KLIMENKOV, V.S.

Production of copolymers of acrylonitrile with methacrylamide and of fibers derived from them. Khim. volok. no.2:24-28 '59. (MIRA 12:9)

1.Vsesoyuznyy nauchno-issledovatel'skiy institut iskusstvennogo volokna.
(Acrylonitrile) (Methacrylamide) (Rayon)

24.7100

77120
SOV/70-4-6-21/31

AUTHORS: Kupchik, Vladimir; Dyurovich, Slavomil

TITLE: Preliminary Data on Ethylenediamine Cupric Chloride and Ethylenediamine Cupric Bromide Crystals. Brief Communication

PERIODICAL: Kristallografiya, 1959, Vol 4, Nr 6, pp 921-922 (USSR)

ABSTRACT: The two compounds discussed are isomorph; they form monoclinic prismatic (2/m) crystals. The chloride crystals are platy, with perfect cleavage parallel to (001), and light-blue, and the bromide crystals are acicular along the Y axis. The unit cell parameters determined according to Weissenberg and by precision methods are: In the chloride, a = 6.81 ± 0.01 A; b = 5.78 ± 0.01 A; c = 8.32 ± 0.01 A; $\beta = 93^{\circ}40'$; measured density = 2.017 ± 0.001; computed density = 1.975; 2 molecular weights per unit cell. In the bromide a = 7.00 ± 0.01 A; b = 6.04 ± 0.01 A; c = 8.29 ± 0.01 A; $\beta = 96^{\circ}32'$; measured density = 2.638 ± 0.001; computed density = 2.648; 2 molecular

Card 1/2

Preliminary Data on Ethylenediamine Cupric Chloride and Ethylenediamine Cupric Bromide Crystals. Brief Communication

77120
SOV/70-4-6-21/31

weights per unit cell. Ya. Gazho and M. Serator are acknowledged for presenting specimens.

ASSOCIATION: University imeni Kamenskiy in Bratislava, Czechoslovakia (Universitet imeni Kamenskogo, Bratislava, Chekhoslovakiya)

SUBMITTED: July 30, 1959

Card 2/2

DYURUNOV, L.I. (poselok imeni Morozova, Vsevolozhskogo rayona, Leningradskoy oblasti, ulitsa Sporta 4, kv.14)

Acute appendicitis in the early postpartum period. Vest. khir. 92 no.2:92-93 F '64. (MIRA 17:9)

1. Iz bol'nitsy (glavnyy vrach - B.V. Sufman) poselka imeni Morozova Leningradskoy oblasti.

DYURYAGIN, G.

Let's master the pedagogical profession. Prof.-tekh.obr. 22 no.11:30 N '65. (MIRA 18:12)

1. Starshiy inzh. otdela tekhnicheskogo obucheniya, g. Zelenodol'sk Tatarskoy ASSR.

DYURYAGIN, V.P., inzh.

Multiple stamping of parts. Mashinostroenie no.5:77-79 S-O '65.
(MIRA 18:9)

FEDOROVA, N.I.; DYUSALIYEVA, R.G.

Dependence of the antigenic activity of Rickettsia burnetii on phasic variability. Zhur.mikrobiol., epid.i immun. 33 no.8:95-100 Ag '62. (MIRA 15:10)

1. Iz Instituta epidemiologii i mikrobiologii imeni Gamalei AMN SSSR.

(RICKETTSIA)

DYUSARD'YE, R., inzhener-agronom (Frantsiya); LISOVSKAYA, O.V. [translator]

History of the development of the La Charmoise sheep in France.
Agrobiologiia no.4:577-583 Jl-Ag '62. (MIRA 15:9)
(FRANCE--SHEEP BREEDS)

DYUSEMBAYEV, Ye.B.; YASHKUL', V.K.

Morphology of the fourth segment of the palpus of Dermacentor marginatus Sulz. Trudy Inst. zool. AN Kazakh. SSR 19:238-240 '63. (MIRA 16:9)

(Ticks) (Insects--Anatomy)

TVERSKOY, G.B.; DYUSEMBIN, Kh.

Speed of milk secretion. Trudy Inst.fiziol. 4:75-80 '55.

1.Laboratoriya fiziologii sel'skokhozyaystvennykh zhivotnykh zaveduyushchiy I.A.Baryshnikov, i Nauchno-opytnaya stantsiya po izucheniyu fiziologii sel'skokhozyaystvennykh zhivotnykh, direktor I.F.Shul'zhenko.
(Lactation)

DYUSEMBIN, Kh. Cand Biol Sci -- (diss) "Reflex inhibitions during the process of lactation." Len, 1958, 20 pp (Acad Sci USSR. Inst of Physiology im I. P. Pavlov. Laboratory of Physiology of Agr Animals), 100 copies (KL, 11-58, 115)

DYUSEMBIN, Kh.

Influence of adrenaline on the motor function of the udder in goats. Trudy Inst.fiziol. AN Kazakh.SSR 2:120-127 '59.
(MIRA 13:7)

(ADRENALINE) (MAMMARY GLANDS) (GOATS--PHYSIOLOGY)

TUMEMBIN, Kh.

Changes in the milk yield and basic composition of milk as related to the intensity of fermentative processes in the rumen of cows. Trudy Inst. fiziol. AN Kazakh. SSR [illegible] 1957. 1[illegible].

Characteristics of lactation in man. [illegible]

Reflex regulation of milk secretion in sheep. [illegible] [illegible] 1959

SATPAYEV; BOISHEV; POKROVSKIY; AMANZHOLOV; AUYEZOV; BALAKAYEV; KENESBAYEV; SAURANBAYEV; MUKANOV; SMIRNOVA; DZHUMALIYEV; ISMAILOV; KHASENOV, K.; NUSUNBEKOV; SULEYMENOV; SHAKHMATOV; DAKHSHLEYGER; BAZARBAYEV; TSUNVAZO; SHAMIYEVA; SIL'CHENKO; GABDULLIN; MUSABAYEV; MAKHMUDOV; MULLINA; MAMANOV; ISKAKOV; SARYBAYEV; KHAYDAROV; ARALBAYEV; NURMUGAMBETOVA; KHASENOVA; SULEYMENOVA; AKHMETOV; ISENGALIYEVA; NOMINKHANOV; DYUSENBAYEV; ABDRAKHMANOV.

Malov, Sergei Efimovich, obituary. Vest.AN Kazakh.SSR 13 no.9:116-117 S '57. (MIRA 10:10)

(Malov, Sergei Efimovich, 1880-1957)

DYUSENBAYEV, I.

DYUSENBAYEV, I., kand. filol. nauk.

Session in honor of M.O. Auezov, author and member of the Academy of Sciences of the Kazakh S.S.R. Vest. AN Kazakh. SSR 13 no.10:105 O '57. (MIRA 10:12)

(Auezov, Mukhtar Omarkhanovich 1897-)

SATPAYEV, K.; BAISHEV, S.; POLOSUKHIN, A.; CHOKIN, Sh.; AUEZOV, M.; MUKANOV, S.; KENESBAYEV, S.; SAURANBAYEV, N.; GALUZO, I.G.; BALAKAYEV, M.; MUSABAYEV, G.; MAKHMUDOV, Kh.; ISMAILOV, Ye.; SIL'CHENKO, M.; DYUSENBAYEV, I.; BAZARBAYEV, M.; SULEYMENOVA, B. NUSUPBEKOV, A.; SHOINBAYEV, T.; GABDULLIN, M.; ZHARKESHEVA, G.

Sarsen Amanzholov; obituary. Vest. AN Kazakh. SSR 14 no.2:100-101 F '58. (MIRA 11:2)
(Amanzholov, Sarsen Amanzholovich, 1903-)

DYUSENOV, K.

Possibility of developing the Kendyrlyk coal and shale field. Trudy Alt. GMNII AN Kazakh. SSR 13:40-47 '62. (MIRA 16:3)
(Kendyrlyk region--Shale)
(Kendyrlyk region--Coal mines and mining)

DYUSENOV, K.

Developing the Tishinskoye deposit. Trudy Alt. GMNII AN Kazakh. SSR 13:48-53 '62. (MIRA 16:3)
(East Kazakhstan Province--Mining engineering)

DYUSENOVA, R.Kh.

Determining the pressure of the stream on the energy dissipator during the flow of the jet around it. Vest. AN Kazakh. SSR 20 no. 10:80-86 O '64. (MIRA 17:11)

DYUSHALIYEV, B.

At a new level of economic development. Vop.ekon. no.3:70-76 Mr '59. (MIRA 12:5)

1. Predsedatel' Gosplana Kirgizskoy SSR.
(Kirghizistan--Economic conditions)

MANANNIKOVA, M.V.; SKURIKHINA, G.P.; VOLOKHVYANSKIY, A.M., kand.med.nauk; DYUSHIKYAN, A.Kh., kand.med.nauk

Work on the prevention of silicosis and silico-tuberculosis at the newly organized mines of Uzbekistan. Sbor. trud. Uz. nauch.-issl. tub. inst. 3:193-195 '57. (MIRA 14:5)
(TASHKENT PROVINCE—MINERS—DISEASES AND HYGIENE)
(LUNGS—DUST DISEASES)

ACC NR: AP6020694 SOURCE CODE: UR/0016/66/000/006/0146/0146

AUTHOR: Korobkova, Ye. I.; Pavlova, L. P.; Zubova, M. V.; Dyuzhikyan, G. Kh.

ORG: All-Union Antiplague Scientific Research Institute "Microbe" (Vsesoyuznyy nauchno-issledovatel'skiy protivochumnyy

TITLE: Effect of certain culture conditions on the virulence of the plague microbe

SOURCE: Zh mikrobiol, epidemiol i immunobiol, no. 6, 1966, 146

TOPIC TAGS: microbiology, plague microbe, epidemiology, ~~environmental conditions~~, bacterial disease, disease control, bacteria

ABSTRACT:
Culture conditions affect the virulence of the plague microbe. Highly virulent cultures were passaged on agar under differing conditions. The virulence of strain 708 for mice decreased 20 times after five to ten passages through agar. On synthetic media the number of pigmented colonies decreased. This suggested that after many passages on nutrient agar or synthetic media, the succeeding generations of microbes become increasingly more adapted to the media than they are to the host organism. [W.A. 50; CBE No. 10]

SUB CODE: 06/ SUBM DATE: 22Jan65/

UDC: 576.851.45.093.3:576.851.45.097.21

DYUSKALIYEV, D.

Absorption of I^{131}-tagged fat in patients with adenomas of the pancreas. Trudy TSIU 71:78-82 '64. (MIRA 18:6)

1. Kafedra meditsinskoy radiologii (zav. prof. V.K. Modestov) TSentral'nogo instituta usovershenstvovaniya vrachey.

DYUSKALIYEV, D.D.; MARKIN, S.P., kand. med. nauk

Fat metabolism in dumping syndrome patients and its changes following gastrojejunoduodenoplasty. Khirurgiia 40 no.8:43-49 Ag '64. (MIRA 18:3)

1. Kafedra meditsinskoy radiologii (zav. - prof. V.K. Modestov) i 1-ya kafedra khirurgii (zav. - prof. B.S. Rozanov) TSentral'nogo instituta usovershenstvovaniya vrachey i Klinicheskoy ordena Lenina bol'nitsy imeni Botkina (glavnyy vrach - dotsent Yu.G. Antonov), Moskva.

SATI-AKHMEDOV, A.A., prof.; SEL'KONINA, V.A.; LYUBETSKAYA, M.M., dotsent; PYUSHLEKYAN, A.Kh., kand.med.nauk

Chemotherapy in early stages of primary infection and in the prevention of infection of children exposed to tuberculosis. Probl. tub. 42 no.8:21-23 '64. (MIRA 18:12)

1. Uzbekskiy nauchno-issledovatel'skiy institut tuberkuleza (direktor - prof. Sh.A.Alimov) i kafedra gospital'noy pediatrii (zav. - prof. L.S.Aleksandrova) Tashkentskogo meditsinskogo instituta.

DYUSKIN, V. K.

"Variable Water Expenditure in Heating Lines", (Peremennyy raskhod vody v teplovykh setyakh), Gosenergoizdat, Moscow-Leningrad, 1949, 118 pp. , 4 rubles, 25 kopeks.

DYUSKIN, V. K.

Dyuskin, V. K., Bernshteyn, A. M., and Bolotin, I. S. "Heating of low-storied built-up areas of cities," In the collection: Kommunal energetika, Moscow-Leningrad, 1949, p. 39-76.

So: U-3736, 21 May 53, (Letopis 'Zhurnal 'nykh Statey, No. 17, 1949).

DYUSKIN, V. K.

Dyuskin, V. K. "The selection of a rational system of water heating," In the collection: Kommunal. energetika, Moscow-Leningrad, 1949, p. 77-148.

So: U-3736, 21 May 53, (Letopis 'Zhurnal 'nykh Statey, No. 17, 1949).

DYUSKIN, V.K.

25189 Dyuskin, V. K. Peremennyy Rasklod Vody V. Teplovykh Setyakh. (Kolichestvennoye Regulirovaniye). Nauch. Trudy (Akad. Kommunal. Kohz-Va im Pamfilova), VYP, 2-3, 1949, s. 19-28

SO: Letopis' No. 33, 1949

Dyoshin, V. K.

1. DYUSKIN, V. K.

2. USSR (600)

4. Hot-Water Heating

7. Engineer Ye, Chechika's system of hot-water heating (DSCh). V. Dyuskin Zhil.-kom.khoz. 3 no. 2, 1953.

9. Monthly List of Russian Accessions, Library of Congress, APRIL 1953, Uncl.

CHISTOVICH, S.A., kandidat tekhnicheskikh nauk; DYUSKIN, V.K., redaktor; SOKOL'SKIY, I.F., redaktor; KONYASHINA, A., tekhnicheskiy redaktor.

[Hydraulic operation of open heating systems with variable water consumption] Gidravlicheskii reshim otkrytykh teplovykh setei s peremennym raskhodom vody. Pod obshchei red. V.K.Diuskina. Moskva, Izd-vo Ministerstva kommunal'nogo khoziaistva RSFSR, 1955. 95 p. (MLRA 8:11)

(Hot-water heating)

DYUSKIN, V.K.

DYUSKIN, V.K.

On the operation of a hot-water heating system connected with the heating network. Vod. i san. tekh. 1 no.2:14-18 My'55. (MIRA 8:11)

(Heating from central stations)

DYUSKIN, V.K.

Conference on problems of raising the operating efficiency of hot water heating for apartment and public buildings which are connected to central heating systems. Ved. i san. tekh. no.5:39 Ag '55. (MLRA 9:2)
(Hot-water supply)

DYUSKIN, V.K., kandidat tekhnicheskikh nauk.

Practical experience in regulating water heating system. Gor.khoz. Mosk.29 no.1:25-26 J '55. (MLRA 8:3)

1. Akademiya kommunal'nogo khozyaystva imeni K.D.Pamfilova.
(Hot-water heating)

DYUSKIN, Valer'yan Konstantinovich -- awarded sci degree of Doc Tech Sci for 7 May 56 defense of dissertation: "Thermal and hydraulic regime of thermal networks and water heating systems" at the Council, Acad of Municipal Services imeni Pamfilof; Prot No 9P, 15 Feb 58. (BMVO, 6-58,20)

FEDOSENKO, R.Ya., inzh.; CHABROV, I.M., red. vypuska; DYUSKIN, V.K., doktor tekhn.nauk, nauchnyy red.

[Method for calculating the reliability of municipal electric power distribution networks] Metod rascheta nadezhnosti elektrosnabzheniia potrebitlei gorodskikh elektroset'ei. Moskva, Otdel nauchno-tekhn.informatsii Akad., 1959. 69 p. (MIRA 14:5)

(Electric power distribution)

PHASE I BOOK EXPLOITATION SOV/3436

Dyuskin, Valer'yan Konstantinovich

Kolichestvenno-kachestvennoye regulirovaniye teplovykh setey (Quantitative and Qualitative Control of Heating Systems) Moscow, Gosenergoizdat, 1959. 143 p. 7,000 copies printed.

Ed.: A. P. Safonov; Tech. Ed.: K. P. Voronin.

PURPOSE: This book is intended for engineers and technicians working in the field of heat engineering.

COVERAGE: In this book the theoretical foundations for the necessity of installing quantitative-qualitative control in heating systems with a varying water supply are presented. The quantitative variations in the water supply in these cases depend on how well the heating system is regulated. In ideally regulated systems, the water supply varies within the limits of 100 to 60 percent of the calculated norm, and in unregulated systems it is higher than the norms. The book also gives an analysis of the operating conditions of heating systems under various conditions of operation. The author thanks Docent Aleksandr Petrovich Safonov, Candidate of Technical Sciences. There are no references.

Card 1/3

TABLE OF CONTENTS:

Quantitative and Qualitative Control (Cont.) SOV/3436

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Card 3/3

CHISTOVICH, Sergey Andreyevich, kand.tekhn.nauk; SOLOVEY, Boris Pavlovich, inzh.; DYUSKIN, V.K., doktor tekhn.nauk, obshchiy red.; PROTSENKO, D.I., red.izd-va; LELYUKHIN, A.A., tekhn.red.

[Automatic regulation of the temperature of heated buildings] Avtomaticheskoe regulirovanie temperaturnogo rezhima otaplivaemykh pomeshchenii. Pod obshchei red. V.K.Diuskina. Moskva, Izd-vo M-va kommun.khoz.RSFSR, 1959. 150 p. (MIRA 12:8)
(Heating--Regulators)

SOSYANTS, V.G., dotsent, obshchiy red.; IVANOV, I.T., kand.tekhn.nauk, red.; KLOPATOV, K.K., inzh., red.; ZHUKOV, A.I., prof., doktor tekhn.nauk, red.; GULYAYEV, N.F., kand.tekhn.nauk, red.; DUBOV, Yu.B., inzh., red.; ANTONOV, I.K., kand.tekhn.nauk, red.; YEFREMOV, I.S., prof., doktor tekhn.nauk, red.; DYUSKIN, V.K., doktor tekhn.nauk, red.; VINOGRADOV, K.A., kand.sel'skokhoz.nauk, red.; BOTOVA, Yu.P., red. izd-va; SALAZKOV, N.P., tekhn.red.

[Materials of the Scientific and Technical Conference on Problems in Introducing Achievements of Science and Technology in Municipal Economy] Materialy Nauchno-tekhnicheskogo soveshchaniia po voprosam vnedreniia dostizhenii nauki i tekhniki v gorodskoe khoziaistvo. Moskva, Izd-vo kommun.khoz.RSFSR. No.6. [Roads and municipal electric transportation] Gorodskoi transport i dorogi. Pod obshchei red. V.G. Sosiantsa. 1959. 197 p. (MIRA 13:2)

1. Nauchno-tekhnicheskoye soveshchaniye po voprosam vnedreniya dostizheniy nauki i tekhniki v gorodskoye khozyaystvo. 2. Rukovoditel' sektora gorodskogo transporta Akademii kommunal'nogo khozyaystva (for Sosyants).

(Local transit) (Road construction)

DYUSKIN, V.K.

Theoretical premises for the use of one-pipe systems in heat networks. Sbor. nauch. rab. AKKH no.9:126-137 '61. (MIRA 16:1)
(Hot-water heating) (Hot-water supply)

DYUSUSHE, M. ZH.

Cand Tech Sci.

"Investigation of the Work of Casing and Drilling Pipes at Drillings up to 6,000 Meters." Sub 10 Jun 47, Moscow Order of the Labor Red Banner Petroleum Inst imeni Academician I. M. Gubkin

Dissertations presented for degrees in science and engineering in Moscow in 1947

SO: Sum No. 457, 18 Apr 55

DYUVAL'-STROYEV, M.P.

DYUVAL'-STROYEV, M.P., uchitel'

Propagation of trees and shrubs by layers. Biol. v shkole no.6:79 N-D '57. (MIRA 10:12)

1. Vasyurinskaya srednyaya shkola No.10 Plastunovskogo rayona Krasnodarskogo kraya.
(Plastunovskiy District--Plant propagation--Study and teaching)

DYUVAL'-STROYEV, M.R.

Trees and shrubs of the Krasnodar Park. Biul. Glav. bot. sada no.42:35-39 '61. (MIRA 17:3)

1. Severo-Kavkazskiy zonal'nyy nauchno-issledovatel'skiy institut sadovodstva i vinogradarstva, Krasnodar.

DYUVAL'-STROYEV, M.R.

Results of the acclimatization of trees and shrubs in Krasnodar. Biul. Glav. bot. sada. no.49:15-22 '63. (MIRA 16:8)

1. Severo-kavkazskiy zonal'nyy nauchno-issledovatel'skiy institut sadovodstva i vinogradarstva, Krasnodar.
(Krasnodar—Acclimatization (Plants))

DYUVAL'-STROYEV, M.R.

Black walnut in Krasnodar. Biul. Glav. bot. sada no.50:52-57 '63. (MIRA 17:1)

1. Severokavkazskiy zonal'nyy nauchno-issledovatel'skiy institut sadovodstva i vinogradarstva, g. Krasnodar.

DYUYEV, I.F., aspirant

Role of mechanization in chemical weed control in flax fields. Zashch. rast. ot vred. i bol. 8 no.10:4-5 O '63. (MIRA 17:6)

1. Vsesoyuznyy institut l'na, Torzhok, Kalininskoy oblasti.

DYUYSALIYEVA, R. G.

"Active Development of a Light andAtypical Form of Exanthematous Typhus as One Method forRapid Liquidation of this Infection." Cand Med Sci, Leningrad State Order of Lenin Inst for the Advanced Training of Physicians imeni S. M. Kirov, Leningrad, 1954. (KL, No 5, Jan 55)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (12)
SO: Sum. No. 556, 24 Jun 55

FEDOROVA, N.I.; DYUYSALIYEVA, R.G.

Relation of the immunogenic activity of Rickettsia burneti to its phasic variability. Zhur. mikrobiol., epid. i immun. 40 no.6:68-74 Je '63. (MIRA 17:6)

1. Iz Instituta epidemiologii i mikrobiologii imeni Gamalei AMN SSSR.

AP6024448

SOURCE CODE: UR/0016/66/000/007/0130/0132

AUTHOR: Dyuysaliyeva, R. G.; Tarasevich, I. V.

ORG: Institute of Epidemiology and Microbiology im. Gamaleya, AMN SSSR, Moscow (Institut epidemiologii i mikrobiologii AMN SSSR)

TITLE: Growing R. Tsutsugamushi in tissue culture

SOURCE: Zhurnal mikrobiologii, epidemiologii, i immunobiologii, no. 7, 1966, 130-132

TOPIC TAGS: infective disease, tsutsugamushi fever, tissue culture, mouse

ABSTRACT:
Methods which had been used successfully abroad in the cultivation of *R. Tsutsugamushi* were used by the authors to determine the following properties of *R. Tsutsugamushi* strains isolated in the Soviet Union: morphology, growth and reproduction dynamics, the possibility of passaging on tissue cultures, and the preservation of virulence after passaging on tissue cultures and under different storage conditions. Transplanted strain L cells and trypsinized chick fibroblast cells were used in no. 199 medium with 10%

Card 1/2

UDC: 576.851.71.093.35

8/

SUB CODE: 06/

the agglutination test may be used for diagnosis, and antigen from any phase

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000411810018-7"

MALKIN, I.M.; CHIRKOVA, N.P.; NEYMAN, V.G.; KARLINSKAYA, L.S.; GANCHENKO, V.M.; POKIDYSHEV, M.I.; CHERNYSHEV, Yu.P.; PLATONOV, G.F.; MIKHAYLOV, N.I.; ABDEYEV, M.A.; MILLER, O.G.; BUTENKO, N.S.; DYUYSEKIN, Ye.K.

Treatment of zinc-bearing slags in electric furnaces with coke conductivity. TSvet. met 33 no. 12:15-23 D '60. (MIRA 13:12)

1. Leninogorskiy polimetallicheskiy kombinat (for Malkin, Chirkova, Neyman, Karlinskaya, Ganchenko, Pokidyshev, Chernyshev). 2. Altayskiy gorno-metallurgicheskiy institut AN KazSSR (for Platonov, Mikhaylov, Abdeyev, Miller, Butenko, Dyuysekin).
(Zinc--Electrometallurgy) (Electric furnaces)

PLATONOV, G.F.; ABDEYEV, M.A.; BUTENKO, N.S.; SIZOV, Yu.M.; VERSHININA, V.V.; MIKHAYLOV, N.I.; SIDORENKO, T.A.; DYUYSEKIN, Ye.K.; PRIMBETOV, M.D.; KUZHAKHMETOV, E.I.; GANCHENKO, V.M.; SHISHKIN, V.I.; CHIRKOVA, N.P.; IL'INA, I.I.; BERDUS, Yu.M.

Two-stage method of treating slag and sinter cake in electric furnaces. Trudy Alt. GMNII AN Kazakh. SSR 14:4-13 '63. (MIRA 16:9)
(Nonferrous metals—Electrometallurgy)

DYUYSEKIN, Ye.K.; ABDEYEV, M.A.; PRIMBETOV, M.D.

Treatment of slags from the first period of converting complex metal mattes. Trudy Alt. GMNII AN Kazakh. SSR 14:23-29 '63. (MIRA 16:9)
(Nonferrous metals—Electrometallurgy) (Slag)

DYUYSEKIN, Ye.K.; ABDEYEV, M.A.; KOVALEV, S.I.; LEBEDEV, N.I.

Effect of the addition of coke on the composition and yield of converter slags. Trudy Alt. GMNII AN Kazakh. SSR 14:104-109 '63. (MIRA 16:9)

(Nonferrous metals—Metallurgy)
(Slag—Analysis)

KHOMITSEVICH, Konstantin Ignat'yevich; KACHAROVSKIY, V.M., kand. tekhn. nauk, otv. red.; DYUZHENKO, G.A., red.; DEMCHUK, R.P., tekhn. red.

[Pneumatic equipment in mines] Rudnichnye pnevmaticheskie ustanovki. Khar'kov, Izd-vo Khar'kovskogo gos. univ., im. A.M.Gor'kogo, 1960. 255 p. (MIRA 14:5)
(Air compressors) (Mining machinery--Pneumatic driving)

IVIN, K.T.; KASHLEV, V.V.; ZUYEV, V.S.; DUKEL'SKIY, V.A., otv. red.; DYUZHENKO, G.A., red.; FRUMKIN, P.S., tekhn. red.

[Slide projection method of manufacturing pipe templetes and models] Fotoproektsionnyi metod izgotovleniia shablonov i maketirovaniia trub. [n.p.] Sudpromgiz, 1953. 41 p. (MIRA 16:8)

(Marine pipe fitting)
(Photomechanical processes)

FRISMAN, E.V.; DYUZHEV, G.A.; DADIVANYAN, A.K.

Optical anisotropy of polyvinyl acetate molecules. Part 3. Vysokom.soed. 6 no.2:341-345 F '64. (MIRA 17:2)

1. Leningradskiy gosudarstvennyy universitet imeni Zhdanova.

GLADYSHEV, B., kand.tekhn.nauk; BORT, G.; DYUZHENKO, M., inzh.; CHEBOTAREV, D.

Experimental manufacturing of three-dimensional elements by guniting. Zhil. stroi. no.7:26-27 '62. (MIRA 15:9)

1. Zaveduyushchiy kafedroy Khar'kovskogo instituta inzhenerov kommunal'nogo stroitel'stva (for Gladyshev). 2. Glavnyy inzhener Ordena Lenina stroitel'no-montazhnogo tresta No.86 (for Bort). 3. Glavnyy tekhnolog Ordena Lenina stroitel'no-montazhnogo tresta No.86 (for Chebotarev).
(Precast concrete construction)

L 63510-65 EWT(1)/EPA(s)-2/EPF(c)/EEC(k)-2/EPF(n)-2/EWG(m)/EPA(w)-2/

[illegible]

[illegible] Martsinovskiy, A. M. [illegible]

[illegible]

[illegible]

[illegible] inverter

[illegible]

[illegible] direct-path m[illegible]

[illegible]plished by ions generated in the volume. This advantage can become even more

[illegible] the presence of the anomalous [illegible]

[illegible] data on the operation of [illegible]

[illegible] for the range of temperatures [illegible]

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000411810018-7"

FRISMAN, E.V.; DADIVANYAN, A.K.; DYUZHEV, G.A.

Determining the optical anisotropy of macromolecules. Dokl. AN SSSR 153 no.5:1062-1064 D '63. (MIRA 17:1)

1. Fizicheskiy institut Leningradskogo gosudarstvennogo universiteta im. Zhdanova. Predstavleno akademikom A.N. Tereninym.

FRISMAN, L.V.; DADIVANYAN, A.K.; DYUZHEV, G.A.; KARMEEV, Yu.G.

Dependence of the optical anisotropy of macromolecules on the properties of the solvent. Ukr. fiz. zhur. 9 no.5:521-526 My '64. (MIRA 17:9)

1. Fizicheskiy institut Leningradskogo gosudarstvennogo universiteta.

L 8623-66 EWT(m)/EWP(j)/EWP(k)/EWP(z)/EWA(c)/ETC(m)/EWP(b)/EWP(e)/EWP(v)/EWP(t)

ACC NR: AP5027045 IJP(c) RM/WH SOURCE CODE: UR/0120/65/000/005/0246/0246

AUTHOR: Dyuzhev, G. A.; Martsinovskiy, A. M.; Smirnov, O. M.; Yur'yev, V. G. 86

ORG: Institute of Semiconductors, AN SSSR, Leningrad. (Institut poluprovodnikov AN SSSR) B

TITLE: The increase in stability of metal-glass joints in cesium vapors

SOURCE: Pribory i tekhnika eksperimenta, no. 5, 1965, 246

TOPIC TAGS: metal joining, oxidation reduction reaction, oxide formation, glass, cesium, glass coating

ABSTRACT: The increased use of cesium vapors in various instruments at relatively high pressures (~0.1 Torr and higher) made necessary the protection of metal-glass joints from the destructive action of cesium. Tests carried out by the authors showed that the preparation of joints with a supplementary thin glass coating of the metal makes them cesium resistant to a certain degree. The metal part is covered by a thin 0.05 — 0.3 mm) glass coating 10 — 30 mm wide (placed across the region of the contemplated joint). When the joint is completed and subjected to cesium vapor, the process of reduction of the oxide film slows down and almost stops some 5 mm from the point of first contact with cesium. This is apparently due to the extreme slowness with which cesium advances over the already reduced auxiliary region of the joint. Detailed recommendations for the actual production of a satisfactory joint of this type are provided. Authors thank Ye. A. Kolenko for valuable advice and help.

Card 1/2 UDC: 666.1.037.5:621.387

L 8623-66

ACC NR: AP5027045

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SUB CODE: MM, EC, MT / SUBM DATE: 11Jul64

jw

Card 2/2

L 11258-66 EWT(1)/EEC(k)-2/ETC(F)/EPF(n)-2/EWG(m)/T/EWA(h) IJP(c) TT/WW/AT

ACC NR: AP5028321 SOURCE CODE: UR/0057/65/035/011/2054/2064

AUTHOR: Dyuzhev, G. A.; Martsinovskiy, A. M.; Pikus, G. Ye.; Tsirkel', B. I.; Yur'yev, V. G.

ORG: none

TITLE: Investigation of the volt-ampere characteristics of thermionic converters

SOURCE: Zhurnal tekhnicheskoy fiziki, v. 35, no. 11, 1965, 2054-2064

TOPIC TAGS: direct energy conversion, thermionic energy conversion, thermionics

ABSTRACT: The volt-ampere characteristics of cesium-filled thermionic energy converters were examined both in the diffusion and arc modes of operation. Plane-parallel diodes with interelectrode spacings of 0.02—2 mm and electrode surfaces of 0.3—0.8 cm^2 were used in all the experiments. At the diffusion mode, the characteristics conformed with theoretical data (B. Ya. Moyzhes and G. Ye. Pikus, FTT, 2, 4, 756, 1960). At high temperatures, the transition to the arc mode took place smoothly, which is explained by the presence during the experiments of an accelerating field at the emitter. The fact that even the smallest arc current was close to the emission current was also attributed to this accelerating field. The absence of saturation in the volt-ampere characteristics was thought to be connected with the anomalous Schottky effect arising as the result of the cathode barrier. Orig. art. has: 6 formulas and 9 figures. [ZL]

Card 1/2 UDC: 537.523.5

L 11258-66

ACC NR: AP5028321

SUB CODE: 10 / SUBM DATE: 08Feb65/ ORIG REF: 006/ OTH REF: 003/ ATD PRESS: 4176

0

Card 2/2

DYUZHEV, G.A.; MARTSINOVSKIY, A.M.; TSIRKEL', B.I.; YUR'YEV, V.G.

Circuit for reading the oscillographic volt-ampere characteristics in a wide range of currents. Prib. i tekh.eksp. 10 no.5:115-117 S-O '65. (MIRA 19:1)

1. Institut poluprovodnikov AN SSSR, Leningrad. Submitted July 10, 1964.

L 47035-66 EEC(k)-2/EWT(1)/EWT(m)/T/EWP(t)/ETI IJP(c) RTW/TT/AT/WW/JD

ACC NR: AP6031273 SOURCE CODE: UR/0057/66/036/009/1685/1697

AUTHOR: Dyuzhev, G. A.; Baksht, F. G.; Martsinovskiy, A. M.; Moyzhes, B. Ya.; Pikus, G. Ye.; Yur'yev, V. G.

ORG: none

81
B

TITLE: Probe-method investigation of the plasma in thermionic converters with high cesium pressure. III. Distribution of the concentration, the electron temperature, and the space potential in the interelectrode gap of thermionic converters

SOURCE: Zhurnal tekhnicheskoy fiziki, v. 36, no. 9, 1966, 1685-1697

TOPIC TAGS: thermionic energy conversion, direct energy conversion, arc discharge, cesium electron tube

ABSTRACT: Specially constructed instruments with movable probes were used in extensive investigations of the operation of a cesium-filled thermionic converter. The investigations were carried out at pressures characteristic of both the diffusion and arc modes. The measurements confirm the theory of the diffusion mode advanced in 1960 by Moyzhes and Pikus (Moyzhes, B. Ye., and Pikus, G. Ye., FTT, 2, 756, 1960). They also show that, at low cathode temperatures, the ionization starts in this mode next to the anode in the region of the anode drop. The transition to the arc mode is accompanied by a redistribution of the potential and a shifting of the ionization region toward the cathode. In the arc mode, a substantial part of the applied volt-

Card 1/2

L 47035-66

ACC NR: AP6031273

age drops on the near-cathode barrier and in the region close to the cathode. Next to the anode and in the anode region there is only a small potential barrier, which vanishes with increasing current. The electron temperature in the gap appears to be almost constant, although it increases slowly with increasing current. At the same time, the carrier concentration increases rapidly when current increases. The values of electron concentration and temperature obtained by the authors agree with those obtained by other researchers in spectral measurements. While they consider their method highly useful and accurate, the authors concede that, unlike optical methods, it does not yield information on the degree of equilibrium in the plasma. Orig. art. has: 9 formulas, 10 figures, and 2 tables. [ZL]

SUB CODE: 20/ SUBM DATE: 04Sep65/ ORIG REF: 009/ OTH REF: 007/ ATD PRESS: 5089

BERDNIKOVA, K.G.; TARASOVA, G.V.; SKAZKA, V.S.; NIKITIN, N.A.; DYUZHEV, G.V.

Hydrodynamic properties of some polymethacrylates. Vysokom. soed. 6 no.11:2057-2062 N '64 (MIRA 18:2)

1. Fizicheskiy institut Leningradskogo gosudarstvennogo universiteta.

ACC NR: AP6013124 SOURCE CODE: UR/0057/66/036/004/0679/0691

AUTHOR: Dyuzhev, G. A.; Martsinovskiy, A. M.; Moyzhes, B. Ya.; Pikus, G. Yo.; Tsirkel', B. I.; Yur'yev, V. G.

ORG: none

TITLE: Plasma sounding in thermoemission converters with high pressure cesium vapors. I. Experimental methods and theory

SOURCE: Zhurnal tekhnicheskoy fiziki, v. 36, no. 4, 1966, 679-691

TOPIC TAGS: plasma arc, plasma probe, thermoelectric converter, cesium plasma

ABSTRACT: The equipment for the probing of an isothermal plasma and the experimental data processing are described for the case of a thermoemission converter with high-pressure cesium vapors and small interelectrode gaps. Movable molybdenum probes 0.2 mm in diameter and 7--8 mm long were used. A detailed description of the construction of the probes is given. The measurements were carried out at 1200 and 1900°K cathode temperatures and 10^{-1}--4.0 mm Hg cesium vapor pressures with the cathode and vapor temperature stability of $\pm 2^{\circ}$ and $\pm 0.5^{\circ}$, respectively. The theory of probes in a high-density plasma and the method of processing the probe characteris-

Card 1/2 UDC: 533.9.07

ACC NR: AP6013124

ties are analyzed. Formulas are derived on the concentration, carrier temperature, and the potential distribution in a thermoemission converter in which the plasma is generated by the arc. Orig. art. has: 2 figures and 46 formulas.

SUB CODE: 20 / SUBM DATE: 21Jun65 / OTH REF: 002 / ORIG REF: 015

Card 2/2

ACC NR: AP6013125 SOURCE CODE: UR/0057/66/036/004/0692/0703

AUTHOR: Dyuzhev, G. A.; Martsinovskiy, A. M.; Moyzhes, B. Ya.; Pikus, G. Ye.; Yur'yev, V. G.

ORG: none

TITLE: Plasma sounding in thermoemission converters with high-pressure cesium vapors. II. Verification of the probe method. Certain experimental results obtained in the diffusion and arc modes

SOURCE: Zhurnal tekhnicheskoy fiziki, v. 36, no. 4, 1966, 692-703

TOPIC TAGS: plasma probe, plasma arc, plasma diffusion, thermoelectric converter, cesium plasma

ABSTRACT: This paper is a continuation of the theoretical work on the plasma probing which appeared in the same issue of ZhTF (pp. 679-691). The equipment and the data processing methods were checked experimentally using an isothermal plasma which was diffusion- or arc- generated in an interelectrode gap of a thermoemission converter with high-pressure cesium vapor. The experimental results show that in an isothermal plasma with known parameters, the probing method yields data on the electron concentration and the space potential when the length of the free path is smaller

Card 1/2 UDC: 533.9.07

ACC NR: AP6013125

than the probe dimensions. In this connection, elevated values of electron temperature were obtained. The divergence is due to a large thermoelectron emission of the probe and a slow energy transfer between the fast and slow electrons. Measurements carried out in the diffusion mode are in agreement with theory presented elsewhere (Moyzhes, B. Ya., and G. Ye. Pikus, FTT, 2, 756, 1960). Measurements carried out in the arc mode indicate that the cesium plasma generated between the electrodes of a thermoemission converter differs greatly from a plasma in conventional gas-discharge equipment. The electron temperature is low, approximately 2500°K at all the test points of a v-a curve, and the ionization does not exceed 1%. The fact that a plasma in a thermoemission converter remians sufficiently cold can be used to achieve high-efficiency conversion of thermal to electrical energy. The experimental values of the electron temperature and concentration for the arc mode are essentially in agreement with those calculated and presented by Moyzhes et al. (ZhTF, 35, 1621, 1965). In general, the measurements in an isothermal plasma show that the experimental equipment and methods used have yielded satisfactory results and can be used in a study of nonisothermal plasma. The authors thank Yu. M. Kagan, V. I. Perel', and F. G. Bakshta for useful evaluation of results and for valuable advice. The authors thank Yu. M. Kagan, V. I. Perelo, and F. G. Baksht for useful discussions and valuable advice. Orig. art. has: 12 figures and 1 table.

SUB CODE: 20 / SUBM DATE: 21Jun65 / ORIG REF: 009 / OTH REF: 007

Card 2/2

L 4176-66 EWT(m)/EPF(c)/T DJ

ACC NR: AP5024389 SOURCE CODE: UR/0286/65/000/015/0068/0068

INVENTOR: Skripchenko, Ye. S.; Naumenko, P. V.; Podol'skaya, N. Z.; Orlova, K. I.; Balagin, I. S.; Sventokhovskaya, V. K.; Dyushev, I. E.; Gorochenko, S. I.; Klimkovich, V. V.; Chamin, E. S.; Kabantsev, N. A.; Tarlinskiy, D. I.; Zaytsev, V. V.; Toker', I. K.; Znamenskaya, G. A.; Koritskiy, G. K.

ORG: none

TITLE: Method of obtaining liquid lubricant-coolant for rolling thin steel strips. Class 23, No. 173369

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 15, 1965, 68

TOPIC TAGS: lubricant, coolant, liquid lubricant, rolling lubricant, cold rolling, strip rolling

ABSTRACT: This Author Certificate introduces a method for the preparation of a liquid coolant-lubricant based on methylenebisamide of synthetic fatty acid used, for instance, in rolling thin transformer or stainless-steel strips. To obtain a stable lubricant which would make it possible to roll the strips to a required thickness, an alkylsulfonate, alkylarylsulfonate, or hydroxyethyl amine of fatty acid containing five Hydroxy radicals is added to the methylenebisamide of synthetic fatty acid. In a variant, the specified components are melted and then emulsified in water. [AZ]

SUB CODE: FP,MM,IE/SUBM DATE: 21Jun61/ ORIG REF: 000/ OTH REF: 000/ ATD PRESS: 4128

Card 1/1 UDC: 621.892:621.7.016.3

COUNTRY : USSR
CATEGORY : Cultivated Plants. Fruits.Berries.Nuts.Tea.

ABS. JOUR : Ref Zhur -Biologiya, No. 1 , 1959, No. 1852

AUTHOR : Druzhev, P.K.; Kolesnikova, A.P.
INST. : Sci.Res.Inst.of Viticulture and Wine-Making
TITLE : A Study of Translocation and Utilization of Phosphorus Fertilizers (Superphosphate) by the Grape Vine on Priazovlye Chernozems in "
ORIG. PUB.: Byul. nauchno-tekhn.inform. N.-I. In-ta vinogradarstva i vinodeliya, 1957, No.1, 32-36

ABSTRACT : The rate of plant uptake of P from P_c marked with P^{32} with different soil moisture conditions was studied at the Scientific Research Institute of Viticulture and Wine-Making in 1955-1956. The P_c was applied to the soil at a depth of 22-27 cm in the form of a liquid solution (1:20 concentration) in the ovary growth stage and became fixed in the green shoots and upper tier of leaves as early as thefourth day, while increased P^{32} content

"Relation to Application Times and Methods

CARD: 1/3

COUNTRY :
CATEGORY :

ALS. JOUR.: Ref Zhur -Biologiya, No. 1, 1959, No. 1072

Author :
INST. :
TITLE :

ORIG. PUB.:

ABSTRACT : was maintained throughout the entire vegetation period; P^{32} began to appear in the berries only after 1 month, then concentrating in the seeds. With dry dressing P^{32} was discovered in the above-ground organs after 3 weeks (with an irrigation background), after 1½ months without irrigation. The authors recommend that one substitute a single P application in early spring for dry summer dressings on unirrigated vineyards. P_2 used in water sol. for production is not now feasible because of the

CARD : 2/3

POTAPENKO, Ye.I.; LUK'YANOV, A.D.; LAZAREVSKIY, M.A.; DYUZHEV, P.K.; ZAKHAROVA, Ye.I.; KOVALEV, A.A.; RUZAYEV, K.S.; NECHAYEV, L.E.; BASAN'KO, A.A.; MASHINSKAYA, L.P.; ALIYEV, A.M.; MANOKHIN, P.A.; LITVINOV, P.I.; KOROTKOVA, P.I.; ZAYTSEVA, Yu.F.; GRAMOTENKO, P.M.; TAIROVA, V.N., red.; PROKOF'YEVA, L.N., tekhn.red.

[Viticulture] Vinogradarstvo. Moskva, Gos.izd-vo sel'khoz.lit-ry, 1960. 612 p. (MIRA 14:1)

(Viticulture)

MEKLER, M.M., otv.red.; SHUROV, S.I., red.; BASHLAVINA, G.N., red.; VORONINA, A.N., red.; GUREVICH, I.V., red.; ZASLAVSKIY, I.I., red.; KOZLOV, F.M., red.; LARIN, D.A., red.; LYALIKOV, N.I., red.; MAMAYEV, I.I., red.; NIKISHOV, M.I., red.; RAUSH, V.A., red.; SAMOYLOV, I.I., red.; SLADKOVA, Ye.A., red.; STROYEV, K.F., red.; SCHASTNEV, P.N., red.; TUTOCHKINA, V.A., red.; ERDELI, V.G., red.; BUSHUYEVA, M.P., red.kart; DYUZHEVA, A.M., red.kart; KROTKOV, B.S., red.kart; MESYATSEVA, L.N., red.kart; PEKHOVA, Z.P., red.kart; POLYANSKAYA, L.A., red.kart; SAFRONOVA, V.A., red.kart; FEDOTOVA, N.I., red.kart; FETISOVA, N.P., red.kart; CHERNYSHEVA, L.N., red.kart; BUKHANOVA, N.I., tekhn.red.; KUZNETSOVA, O.L., tekhn.red.; NIKOLAYEVA, I.N., tekhn.red.

[Atlas of the U.S.S.R. for the secondary school; course in economic geography] Atlas SSSR dlia srednei shkoly; kurs ekonomicheskoi geografii. Moskva, Glav.uprav.geodez. i kartografii M-va geol.i okhrany nedr SSSR, 1960. 50 p. (MIRA 13:12)

(Geography, Economic--Maps)